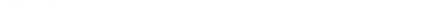


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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/663,662
				Filing Date	September 17, 2003
				First Named Inventor	Yasuko FUKUZAWA
				Art Unit	2186
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	500.36172VC3

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	06/03/2004
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not yet assigned (Division of 10/326,978, filed December 24, 2003)
				Filing Date	Even date herewith
				First Named Inventor	Yasuko FUKUZAWA
				Art Unit	2182
				Examiner Name	Tanh Q. Nguyen
Sheet	1	of	2	Attorney Docket Number	500.36172VC3

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
TQN	AA	US- 4,768,150		08/30/1988	Chang et al.	
	AB	US- 4,864,492		09/05/1989	Blakely-Fogel et al.	
	AC	US- 4,941,084		07/10/1990	Terada et al.	
	AD	US- 4,947,367		08/ 1990	Chang et al.	
	AE	US- 5,051,887		09/24/1991	Berger et al.	
	AF	US- 5,155,845		10/13/1992	Beal et al.	
	AG	US- 5,251,318		10/05/1993	Nitta et al.	
	AH	US- 5,261,080		11/09/1993	Khoyi et al.	
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	AK	US- 5,388,013		02/07/1995	Nakamura	
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	AN	US- 5,530,819		06/25/1996	Day, III et al.	
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	AP	US- 5,546,536		08/ 1/1996	Davis et al.	
	AQ	US- 5,546,541		08/ 1/1996	Drew et al.	
	AR	US- 5,568,628		10/22/1998	Satoh et al.	
	AS	US- 5,613,100		03/18/1997	Anezaki	
	AT	US- 5,630,092		05/13/1997	Carrollo et al.	
	AU	US- 5,655,140		08/05/1997	Haddock	
	AV	US- 5,684,144		09/02/1997	Yanai et al.	
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	AX	US- 5,680,640		09/01/1995	Ofek et al.	
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	BB	US- 5,724,542		03/03/1998	Taroda et al.	

<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>4</sup> -Number <sup>5</sup> -Kind Code <sup>3</sup> (if known)					
TQN	BC	JP-04-326420		11-16-1992			
TQN	BD	JP-07-152491		06-16-1995			

Examiner Signature	<i>Qingyung Zou</i>	Date Considered	06/03/2004
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				Application Number	Not yet assigned (Division of 10/326,978, filed December 24, 2003)
				Filing Date	Even date herewith
				First Named Inventor	Yasuko FUKUZAWA
				Art Unit	2182
				Examiner Name	Tanh Q. Nguyen
Sheet	2	of	2	Attorney Docket Number	500.36172VC3

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>3</sup> (if known)			
TQN	BE	US-5,734,818		03/31/1998	Kern et al.
	BF	US-5,745,789		04/ /1998	Kakuta
	BG	US-5,758,125		05/26/1998	Misinal et al.
	BH	US-5,778,189		07/07/1998	Kimura et al.
	BI	US-5,812,843		09/22/1998	Yamazaki et al.
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	BK	US-5,860,088		01/12/1999	Benhase et al.
	BL	US-5,875,479		02/23/1999	Blount et al.
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	BN	US-5,886,841		03/23/1999	Kikuchi
	BO	US-5,903,913		05/ /1999	Ofer et al.
	BP	US-5,978,890		11/02/1999	Ozawa et al.
	BQ	US-6,009,498		12/28/1999	Kumasawa et al.
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	BS	US-6,044,444		03/28/2000	Ofek
	BT	US-6,073,209		06/06/2000	Bergsten
	BU	US-6,081,826		06/27/2000	Masuoka et al.
	BV	US-6,098,129		08/ /2000	Fukusawa et al.
	BW	US-6,108,748		08/22/2000	Ofek et al.
	BX	US-6,115,797		09/05/2000	Kanda et al.
	BY	US-6,329,976		03/ /2003	Fukuzawa et al.

<b>OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published		T <sup>2</sup>
TQN	BZ	IBM Technical Disclosure Bulletin, Vol. 38, No. 06, June 1995, "High Performance Cooperative Count Key Data/Fixed Block Conversion Mechanism", pp. 333-335		
	CA	IBM Technical Disclosure Bulletin, Vol. 35, No. 3, August 1992, "Centralized and Rapid Backup/Restore For Work Lan File Services/VM", pp. 286-289		
	CB	Fujitsu Scientific & Technical Journal 31 (1995) June, No. 1. Kawasaki, JP "Storage Management Software for Mainframe and UNIX", By: Keiji Suzuki, et al. pp. 36-44		
✓	CC	Gelb, "System-managed storage," IBM Systems Journal, Vol. 28, No. 1, 1989, pp. 77-103		

Examiner Signature	<i>Chaynqul Bui</i>	Date Considered	06/03/2004
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